

VOLUME 77 · CONTENTS

No 1 JULY 1997

- Annotation**
- 1 Recombinant human DNase (rhDNase) in cystic fibrosis: is it cost effective?
Steven P Conway
- Original articles**
- 4 Extensively and partially hydrolysed infant formulas for allergy prophylaxis *G Oldéus, K Anjou, B Björkstén, J R Moran, N-I M Kjellman*
- 11 Nitric oxide activity in childhood hypertension *C D A Goonasekera, V Shah, D D Rees, M J Dillon*
- 17 Mutation analysis in 46 British and Irish patients with Gaucher's disease *C E Hatton, A Cooper, C Whitehouse, J E Wraith*
- 23 The epidemic of SIDS in Norway 1967-93: changing effects of risk factors
Anne Kjersti Daltveit, Nina Øyen, Rolv Skjærven, Lorentz M Irgens
- 28 Accidental injury: risk and preventative interventions *Ingeborg van Weeghel, Denise Kendrick, Patricia Marsh*
- 32 Reduced levels of growth hormone, insulin-like growth factor-I and binding protein-3 in patients with shunted hydrocephalus *Tuija Löppönen, Anna-Liisa Saukkonen, Willy Serlo, Päivi Tapanainen, Aimo Ruokonen, Mikael Knip*
- 38 Diffusion weighted magnetic resonance imaging of compromised tissue in stroke
A Connelly, W K Chong, C L Johnson, V Ganesan, D G Gadian, F J Kirkham
- 42 Diagnosis of primary human herpesvirus 6 and 7 infections in febrile infants by polymerase chain reaction *Duncan A Clark, I Michael Kidd, Kathryn E Collingham, Michael Tarlow, Titi Ayeni, Andrew Riordan, Paul D Griffiths, Vincent C Emery, Deenan Pillay*
- 46 *Helicobacter pylori* infection and growth delay in older children *Francesco Perri, Maria Pastore, Giocchino Leandro, Rocco Clemente, Yvo Ghos, Marc Peeters, Vito Annesse, Michele Quitadamo, Anna Latiano, Paul Rutgeerts, Angelo Andriulli*
- 50 Abnormal technetium labelled white cell scan in the colitis of chronic granulomatous disease *S Hoare, J E Walsh, E Eastham, M A Abinun, A J Cant*
- 52 SIDS: parental awareness and infant care practices in contrasting socioeconomic areas in Cardiff *A Shrivastava, P Davis, D P Davies*
- 54 SIDS, illness, and acute medical care *R P K Ford, E A Mitchell, A W Stewart, R Scragg, B J Taylor, and other members of the New Zealand Cot Death Study Group*
- 56 Pearson's syndrome without marrow involvement *A A M Morris, P J Lamont, P T Clayton*
- 58 Central venous catheter use in UKCCSG oncology centres *D A Tweedle, K P Windebank, A M Barrett, D C Leese, R Gowing, on behalf of the United Kingdom Children's Cancer Study Group and the Paediatric Oncology Nursing Forum*
- 60 Bone marrow trephine biopsy in infants *M M Reid, Borghild Roald, for the European Neuroblastoma Study Group*
- Controversy**
- 62 Asthma—time for a change of name? *Mike Silverman, Nicola Wilson*
Commentary — *Nigel Speight*
- Hypothesis**
- 66 Is fibrosing colonopathy an immune mediated disease? *Julia Lee, Wan Ip, Peter Durie*
- Rheumatology**
- 71 (3) Non-inflammatory musculoskeletal disorders in childhood *J A Sills*
- Current topics**
- 76 Imported malaria in children in the UK *Bernard J Brabin, Yvonne Ganley*
- 82 Minor head injury *T F Beattie*
- Personal practice**
- 86 A psychiatric perspective of epilepsy *D C Taylor*
- Personal view**
- 89 Polycystic ovary syndrome *Stephen Franks*
- 91 Letters to the editor • Westminster briefing • Meetings • Correction • Notice
- 96 Lucina
- 85 Archivist

No 2 AUGUST 1997

- Annotations**
- 97 Prediction, detection, and treatment of postnatal depression *Peter J Cooper, Lynne Murray*
- 99 Effects of postnatal depression on infant development *Lynne Murray, Peter J Cooper*
- Original articles**
- 102 Audit of diabetes care by caseload *J H Baumer, L P Hunt, J P H Shield*
Commentary — *Ian G Jefferson*

VOLUME 77 · CONTENTS

No 1 JULY 1997

- Annotation**
- 1 Recombinant human DNase (rhDNase) in cystic fibrosis: is it cost effective?
Steven P Conway
- Original articles**
- 4 Extensively and partially hydrolysed infant formulas for allergy prophylaxis *G Oldéus, K Anjou, B Björkstén, J R Moran, N-I M Kjellman*
- 11 Nitric oxide activity in childhood hypertension *C D A Goonasekera, V Shah, D D Rees, M J Dillon*
- 17 Mutation analysis in 46 British and Irish patients with Gaucher's disease *C E Hatton, A Cooper, C Whitehouse, J E Wraith*
- 23 The epidemic of SIDS in Norway 1967-93: changing effects of risk factors
Anne Kjersti Daltveit, Nina Øyen, Rolv Skjærven, Lorentz M Irgens
- 28 Accidental injury: risk and preventative interventions *Ingeborg van Weeghel, Denise Kendrick, Patricia Marsh*
- 32 Reduced levels of growth hormone, insulin-like growth factor-I and binding protein-3 in patients with shunted hydrocephalus *Tuija Löppönen, Anna-Liisa Saukkonen, Willy Serlo, Päivi Tapanainen, Aimo Ruokonen, Mikael Knip*
- 38 Diffusion weighted magnetic resonance imaging of compromised tissue in stroke
A Connelly, W K Chong, C L Johnson, V Ganesan, D G Gadian, F J Kirkham
- 42 Diagnosis of primary human herpesvirus 6 and 7 infections in febrile infants by polymerase chain reaction *Duncan A Clark, I Michael Kidd, Kathryn E Collingham, Michael Tarlow, Titi Ayeni, Andrew Riordan, Paul D Griffiths, Vincent C Emery, Deenan Pillay*
- 46 *Helicobacter pylori* infection and growth delay in older children *Francesco Perri, Maria Pastore, Giocchino Leandro, Rocco Clemente, Yvo Ghos, Marc Peeters, Vito Annesse, Michele Quitadamo, Anna Latiano, Paul Rutgeerts, Angelo Andriulli*
- 50 Abnormal technetium labelled white cell scan in the colitis of chronic granulomatous disease *S Hoare, J E Walsh, E Eastham, M A Abinun, A J Cant*
- 52 SIDS: parental awareness and infant care practices in contrasting socioeconomic areas in Cardiff *A Shrivastava, P Davis, D P Davies*
- 54 SIDS, illness, and acute medical care *R P K Ford, E A Mitchell, A W Stewart, R Scragg, B J Taylor, and other members of the New Zealand Cot Death Study Group*
- 56 Pearson's syndrome without marrow involvement *A A M Morris, P J Lamont, P T Clayton*
- 58 Central venous catheter use in UKCCSG oncology centres *D A Tweedle, K P Windebank, A M Barrett, D C Leese, R Gowing, on behalf of the United Kingdom Children's Cancer Study Group and the Paediatric Oncology Nursing Forum*
- 60 Bone marrow trephine biopsy in infants *M M Reid, Borghild Roald, for the European Neuroblastoma Study Group*
- Controversy**
- 62 Asthma—time for a change of name? *Mike Silverman, Nicola Wilson*
Commentary — *Nigel Speight*
- Hypothesis**
- 66 Is fibrosing colonopathy an immune mediated disease? *Julia Lee, Wan Ip, Peter Durie*
- Rheumatology**
- 71 (3) Non-inflammatory musculoskeletal disorders in childhood *J A Sills*
- Current topics**
- 76 Imported malaria in children in the UK *Bernard J Brabin, Yvonne Ganley*
- 82 Minor head injury *T F Beattie*
- Personal practice**
- 86 A psychiatric perspective of epilepsy *D C Taylor*
- Personal view**
- 89 Polycystic ovary syndrome *Stephen Franks*
- 91 Letters to the editor • Westminster briefing • Meetings • Correction • Notice
- 96 Lucina
- 85 Archivist

No 2 AUGUST 1997

- Annotations**
- 97 Prediction, detection, and treatment of postnatal depression *Peter J Cooper, Lynne Murray*
- 99 Effects of postnatal depression on infant development *Lynne Murray, Peter J Cooper*
- Original articles**
- 102 Audit of diabetes care by caseload *J H Baumer, L P Hunt, J P H Shield*
Commentary — *Ian G Jefferson*

- 109 Auditing paediatric diabetes care and the impact of a specialist nurse trained in paediatric diabetes *F J Cowan, J T Warner, L M Lowes, J P Riberio, J W Gregory*
- 115 Adolescent health services—through their eyes *A C K Oppong-Ofiseng, E G Heycock*
- 120 Raised bile acid concentrations in SIDS lungs at necropsy *Brian A Hills, Yi Chen, I Brent Masters, Yvette C Hills*
- 124 Randomised controlled trial of inhaled corticosteroids (fluticasone propionate) in cystic fibrosis *Ian M Balfour-Lynn, Nigel J Klein, Robert Dinwiddie*
- 131 Enteral nutrition after bone marrow transplantation *A Papadopoulos, A MacDonald, M D Williams, P J Darbyshire, I W Booth*
- 137 Persistence of neurological damage induced by dietary vitamin B-12 deficiency in infancy *Ursula von Schenck, Christine Bender-Götze, Berthold Koletzko*
- 140 Are boys better than girls at building a tower or a bridge at 2 years of age? *Jean Christophe Labarthe*
- 145 Cytokines in haemolytic uraemic syndrome associated with verocytotoxin-producing *Escherichia coli* infection *C D Inward, M Varagunam, D Adu, D V Milford, C M Taylor*
- 148 Eubacterial approach to the diagnosis of bacterial infection *B E Ley, C J Linton, S Longhurst, H Jalal, M R Millar*
- 150 Chronic bullous disease of childhood and a paecilomyces lung infection in chronic granulomatous disease *J H Sillevs Smitt, J H W Leusen, H G Stas, A H Teeuw, R S Weening*
- 153 Kimura's disease: an unusual cause of cervical tumour *M J Chusid, A L Rock, J R Sty, H W Oechler, D J Beste*
- 155 Serum prolactin in coeliac disease: a marker for disease activity *Ram Reifen, Dan Buskila, Moshe Maislos, Joseph Press, Aaron Lerner*
- 158 The survivors of gastroschisis *Brian W Davies, Mark D Stringer*
- Rheumatology**
- 161 (4) Sports injuries in children: should we be concerned? *P J Helms*
- Current topic**
- 164 Cannabis *P Robson*
- Personal practices**
- 167 The range of visceral manifestations of non-accidental injury *C S Ng, C M Hall, D G Shaw*
- 175 The management of urinary incontinence *P S J Malone*
- 179 Can paediatricians benefit from the Internet? *Mikael Benson, Ingemar Kjellmer, Sten Rosberg, Håkan Billig*
- 183 **Letters to the editor • Notice**

No 3 SEPTEMBER 1997

Annotations

- 189 Health education: evidence of effectiveness *K Tones*
- 191 Vitamin A prophylaxis *A Sommer*
- 194 Routine male neonatal circumcision and risk of infection with HIV-1 and other sexually transmitted diseases *A Nicoll*
- Original articles**
- 196 Randomised controlled trial of zinc supplementation in malnourished Bangladeshi children with acute diarrhoea *S K Roy, A M Tomkins, S M Akramuzzaman, R H Behrens, R Haider, D Mahalanabis, G Fuchs*
- 201 Differentiation of osmotic and secretory diarrhoea by stool carbohydrate and osmolar gap measurements *J A Castro-Rodriguez, E Salazar-Lindo, R León-Barúa*
- 206 Changing infant feeding practices and declining incidence of coeliac disease in West Somerset *D N Challacombe, I K Mecrow, K Elliott, F J Clarke, E E Wheeler*
- 210 Rising incidence of type 1 diabetes in Scottish children, 1984-93 *J J Rangasami, D C Greenwood, B McSparran, P J Smail, C C Patterson, N R Waugh, on behalf of the Scottish Study Group for the Care of Young Diabetics*
- 214 Randomised controlled trial of growth effect of hydrocortisone in congenital adrenal hyperplasia *I N Silva, C E Kater, C F Cunha, M B Viana*
- 219 Educational progress, behaviour, and motor skills at 10 years in early treated congenital hypothyroidism *W F Simons, P W Fuggle, D B Grant, I Smith*
- 223 Hepatitis GB virus-C/hepatitis G virus infection in liver disease *I Nagata, N Tzampouras, S Chokshi, N V Naoumov, P Cheeseman, H M Smith, A J Baker, R Williams, G Mieli-Vergani*
- 227 Impact of HIV on mortality from acute lower respiratory tract infection in rural Zambia *A Smyth, C Y W Tong, H Carty, C A Hart*
- 231 Increased plasma malondialdehyde associated with cerebellar structural defects *V Th Ramaekers, B Bosman, G A Jansen, R J A Wanders*
- 235 Serum lactate as a predictor of mortality after paediatric cardiac surgery *M Hatherill, T Sajjanhar, S M Tibby, M P Champion, D Anderson, M J Marsh, I A Murdoch*
- 239 Enhanced drug metabolism in young children with cystic fibrosis *A C Parker, P Pritchard, T Preston, R L Smyth, I Choonara*

- 242 High incidence of Down's syndrome in infants of diabetic mothers *H Narchi, N Kulaylat*
 245 The spectrum of Evans' syndrome *S Savaşan, I Warrier, Y Ravindranath*
 249 Liver transplant for giant cell hepatitis with autoimmune haemolytic anaemia
H V Melendez, M Rela, A J Baker, C Ball, B Portmann, G Mieli-Vergani, N D Heaton
 252 Hypogammaglobulinaemia in a patient with ring chromosome 21 *S Ohga, F Nakao,*
O Narazaki, N Fusazaki, T Aoki, K Kamesaki, T Hara
 255 Pemphigus foliaceus *C Galamburn, F Cambazard, C Clavel, P Versini, J L Stéphan*
Controversy
 258 Benefits of newborn circumcision: is Europe ignoring medical evidence? *E J Schoen*
 Commentary—*R Hitchcock*
Rheumatology
 261 (5) Antineutrophil cytoplasm antibodies and vasculitis *M C Nash, M J Dillon*
Recent advances
 265 Advances in radiology *T R Goodman, K McHugh*
Personal practice
 272 Paediatric bronchoscopy *K G Brownlee, D C G Crabbe*
 276 **Letters to the editor**
 278 **Lucina**
 257 **Archivist**

No 4 OCTOBER 1997

- 279 **James Spence Medallist 1997**
Annotations
 281 Sedation for invasive procedures in paediatrics *M Stephen Murphy*
 248 Asthma treatment and growth *N J Shaw, N C Fraser, P H Weller*
Original articles
 287 Planning for the future: the experience of implementing a children's day assessment unit
 in a district general hospital *David W Beverley, Robin J Ball, Robert A Smith,*
Michael J Harran, G Mary Durrans, Sally Keenan, Judith Smith, Barbara Durack
 Commentary—*Roderick MacFaul*
 294 Validation of the paediatric appropriateness evaluation protocol in British practice
Ursula Werneke, Helen Smith, Iain J Smith, Jeanette Taylor, Roderick MacFaul
 299 Usefulness of antinuclear antibody testing to screen for rheumatic diseases
Peter N Malleson, Michaela Sailer, Murray J Mackinnon
 305 Androgen insensitivity syndrome: a survey of diagnostic procedures and management in
 the UK *R M Viner, Y Teoh, D M Williams, M N Patterson, I A Hughes*
 310 Growth in infancy, infant feeding, childhood living conditions, and *Helicobacter pylori*
 infection at age 70 *C H D Fall, P M Goggin, P Hawtin, D Fine, S Duggleby*
 315 Sialic acid content of infant saliva: comparison of breast fed with formula fed infants
T H Tram, J C Brand Miller, Y McNeil, P McVéagh
 319 Diurnal variation in stature: is stretching the answer? *L D Voss, B J R Bailey*
 323 Central motor conduction time in malnourished children *S K Tamer, S Misra, S Jaiswal*
 326 Family conflict and slow growth *Scott M Montgomery, Mel J Bartley, Richard G Wilkinson*
 331 Cough sensitivity in children with asthma, recurrent cough, and cystic fibrosis
Anne B Chang, Peter D Phelan, Susan M Sawyer, Susanna Del Brocco, Colin F Robertson
 335 Seat restraint use, previous driving history, and non-fatal injury: quantifying the risks
K M Venkat Narayan, D Ruta, T Beattie
 339 Initial evaluation of congenital hypothyroidism: a survey of general paediatricians in East
 Anglia *S F Ahmed, N D Barnes, I A Hughes*
 342 An epidemic of acute postinfectious glomerulonephritis in Armenia *Ashot Sarkissian,*
Marina Papazian, Gayane Azatian, Nina Arikians, Ara Babloyan, Ernst Leumann
 345 Salmonella infection acquired from reptilian pets *D Sanyal, T Douglas, R Roberts*
Research methodology
 347 Measuring quality of life *Meriel E M Jenney, Stephen Campbell*
 350 Children's quality of life measures *Christine Eiser*
Rheumatology
 355 (6) The adolescent with rheumatic disease *R Sathananthan, J David*
Regular review
 359 Recurrent parotitis *V V Chitre, D J Premchandra*
Controversy
 364 Death of the general paediatrician? *Timothy L Chambers*
 368 **Letters to the editor**
 370 **Book reviews**
 374 **Training package**

Aging

- 375 Editorial: Aging and paediatric practice *Malcolm L Chiswick, Harvey Marcovitch*
- 376 Child to adult body mass index in the 1958 British birth cohort: associations with parental obesity *Julie K Lake, Chris Power, Tim J Cole*
- 381 Birth weight and body fat distribution in adolescent girls *M Barker, S Robinson, C Osmond, D J P Barker*
- 384 Early infection and subsequent insulin dependent diabetes *Caspar Gibbon, Trevor Smith, Peter Egger, Peter Betts, David Phillips*

Annotations

- 386 Assessment of cardiovascular fitness for competitive sport in high risk groups *N R Soni, J E Deanfield*
- 389 Targeted radiotherapy for neuroblastoma *Simon Meller*
- 392 The clinical workstation *R I Ross Russell*
- 394 Children in residential care; what cost? *Leon Polnay, Adam W Glaser, Tony Dewhurst*

Original articles

- 396 Serum leptin concentrations in relation to pubertal development *Björn Carlsson, Carina Ankarberg, Sten Rosberg, Ensio Norjavaara, Kerstin Albertsson-Wikland, Lena M S Carlsson*
- 401 Growth of Pakistani children in relation to the 1990 growth standards *A M Kelly, N J Shaw, A M C Thomas, P B Pynsent, D J Baker*
- 406 Community study of toxoplasma antibodies in urban and rural schoolchildren aged 4 to 18 years *Mervyn R H Taylor, Bernadette Lennon, Celia V Holland, Mary Cafferkey*
- 410 Local variability in respiratory syncytial virus disease severity *Afke H Brandenburg, Pierre-Yves Jeannot, Henriette A v Steensel-Moll, Alewijn Ott, Philip H Rothbarth, Werner Wunderli, Susanne Suter, Herman J Neijens, Albert D M E Osterhaus, Claire-Anne Siegrist*
- 415 Why is sudden infant death syndrome more common at weekends? *S M Williams, E A Mitchell, R Scragg, and the New Zealand National Cot Death Study Group*
- 420 Achieving treatment goals for schoolchildren with asthma *E J Fillmore, N Jones, J M Blankson*
- 423 Comparison of Asian and English non-attenders at a hospital outpatient department *A R Gatrad*
- 427 Extradural dermoid tumours of the posterior fossa *J F Martinez-Lage, J Ramos, A Puche, M Poza*
- 431 An unusually severe phenotype for familial adenomatous polyposis *D M Eccles, P W Lunt, Y Wallis, M Griffiths, B Sandhu, S McKay, D Morton, J Shea-Simonds, F Macdonald*
- 436 Juvenile hyaline fibromatosis: impaired collagen metabolism in human skin fibroblasts *F Breier, S Fang-Kircher, K Wolff, W Jurecka*
- 441 Hyperammonaemia with distal renal tubular acidosis *S G Miller, G J Schwartz*
- 445 Changes in the male voice at puberty *M L L Harries, J M Walker, D M Williams, S Hawkins, I A Hughes*
- 448 Q fever tricuspid valve endocarditis *J M Lupoglazoff, P Brouqui, S Magnier, U Hvass, A Casasoprana*
- 450 Depth of insertion of a lumbar puncture needle *F Craig, J Stroobant, A Winrow, H Davies*

Rheumatology

- 451 (7) How painful is juvenile chronic arthritis? *W Kuis, C J Heijnen, J A Hogeweg, G Sinnema, P J M Helden*
- 454 **Current topics**
- 459 The role of negative pressure ventilation *Anne Thomson*
- 459 Preventing teenage pregnancy *A R Mellanby, V A H Pearson, J H Tripp*
- 463 **Letters to the editor • Book reviews • Video review • Westminster briefing**
- 470 **Lucina**
- 462 **Archivist**

Annotations

- 471 Multiple causes of human kidney malformations *Adrian S Woolf*
- 474 Can measures of infant habituation predict later intellectual ability? *Alan Slater*
- 476 Treatment of oesophageal varices *Mark D Stringer, Patricia McClean*
- 478 **Original articles**
- 478 A family clinic—optimising care for HIV infected children and their families *Diana M Gibb, Janet Masters, Delane Shingadia, Sue Trickett, Nigel Klein, Candy Duggan, Vas Novelli, Danielle Mercey*
- 483 The needs of children whose mothers have HIV infection *Jacqueline Mok, Sarah Cooper*
- 488 Antibody persistence and *Haemophilus influenzae* type b carriage after infant immunisation with PRP-T *P T Heath, J Bowen-Morris, D Griffiths, H Griffiths, D W M Crook, E R Moxon*

493	Incidence, population, and survival of cystic fibrosis in the UK, 1968-95 <i>J A Dodge, S Morison, P A Lewis, E C Coles, D Geddes, G Russell, J M Littlewood, M T Scott</i>
497	Height and weight in cystic fibrosis: a cross sectional study <i>S Morison, J A Dodge, T J Cole, P A Lewis, E C Coles, D Geddes, G Russell, J M Littlewood, M T Scott</i>
501	Confidential inquiry into families with two siblings with cystic fibrosis <i>B Lane, P Williamson, J A Dodge, H Harris, M Super, R Harris</i>
504	Outcome after severe non-accidental head injury <i>J Haviland, R I Ross Russell</i>
508	Respiratory syncytial virus genotypes and disease severity among children in hospital <i>Jonathon N Fletcher, Rosalind L Smyth, Huw M Thomas, D Ashby, C Anthony Hart</i>
512	Chronic idiopathic bronchiolitis of infancy <i>J Hull, C W Chow, C F Robertson</i>
516	Clinicians' abilities to estimate cardiac index in ventilated children and infants <i>Shane M Tibby, Mark Hatherill, Michael J Marsh, Ian A Murdoch</i>
519	Development of a modified paediatric coma scale in intensive care clinical practice <i>A Tatman, A Warren, A Williams, J E Powell, W Whitehouse</i>
522	The use of cyclosporin in corticosteroid dependent asthma <i>M E Coren, M Rosenthal, A Bush</i>
524	Early onset of diabetic nephropathy <i>J Francis, S J Rose, F Raafat, D V Milford</i>
526	Factors involved in the rate of fall of thyroid stimulating hormone in treated hypothyroidism <i>J Raza, P C Hindmarsh, C G D Brook</i>
528	Partial 10q trisomy with partial 12q monosomy <i>Nobuto Mitsufuji, Sachiko Tokuda, Hidekazu Nakanojin, Hiroshi Yoshioka, Tadashi Sawada</i>
	Rheumatology
530	(8) Pathogenesis of juvenile chronic arthritis: genetic and environmental factors <i>Kevin Murray, Susan D Thompson, David N Glass</i>
	Current topic
535	Treatment of congenital lactic acidosis with dichloroacetate <i>Peter W Stacpoole, Carie L Barnes, Matthew D Hurbanis, Sterling L Cannon, Douglas S Kerr</i>
	Regular review
542	Child health statistical review, 1997 <i>Mary Jane Platt</i>
549	Referees and editorial committee
552	Index
	Contents

VOLUME 77 · CONTENTS · Fetal and Neonatal Edition

No 1 JULY 1997

- Annotation**
 1 Changing impact of fetal diagnosis of congenital heart disease *Gurleen Sharland*
- Original articles**
 4 Randomised controlled trial of an aggressive nutritional regimen in sick very low birthweight infants
David C Wilson, Pamela Cairns, Henry L Halliday, Mark Reid, Garth McClure, John A Dodge
 12 Randomised controlled trial of acetate in preterm neonates receiving parenteral nutrition
Olufunmi Peters, Steven Ryan, Linda Matthew, Katherine Cheng, Jenny Lunn
 16 Endothelial nitric oxide synthase in hypoxic newborn porcine pulmonary vessels *A A Hislop, D R Springall, H Oliveira, J S Pollock, J M Polak, S G Haworth*
 23 Doppler assessment of pulmonary artery pressure in neonates at risk of chronic lung disease
Bai-Horng Su, Toyoko Watanabe, Mitsumasa Shimizu, Masayoshi Yanagisawa
 28 Influence of respiratory distress syndrome on body composition after preterm birth
W Tang, D Ridout, Neena Modi
 32 Pulmonary function changes after nebulised and intravenous frusemide in ventilated premature infants
Vishwanath G Prabhu, Martin Keszler, Ramasubbareddy Dhanireddy
 36 Echocardiographic assessment of patent ductus arteriosus shunt flow pattern in premature infants
Bai-Horng Su, Toyoko Watanabe, Mitsumasa Shimizu, Masayoshi Yanagisawa
 41 Outcome of fetuses with heart disease diagnosed in utero *Marianne Eronen*
 47 Long term hepatitis B vaccine in infants born to hepatitis B e antigen positive mothers
Yong Poovorawan, Suvimol Sanpavat, Saowani Chumdermpadetsuk, Assad Safary
 52 Developmental pattern of 3-oxo- Δ^4 bile acids in neonatal bile acid metabolism
Toshiro Inoue, Akihiko Kimura, Kumiko Aoki, Masahiko Tohma, Hirohisa Kato
 57 Indices of renal tubular function in perinatal asphyxia *Frank Willis, Julie Summers, Corrado Mimuttillo, Ian Hewitt*
 61 Use of methohexital for elective intubation in neonates *G Naulaers, E Deloof, C Vanhole, E Kola, H Devlieger*
 65 Neonatal encephalopathy with a pungent body odour *V Walker, G A Mills, P-M Fortune, R Wheeler*
 67 Level of conus medullaris in term and preterm neonates *F Şahin, M Selçuki, N Ecin, A Zenciroğlu, A Ünlü, F Yılmaz, N Maviş, S Saribaş*
- Current topic**
 70 Systematic review of prophylactic vs rescue surfactant *C J Morley*
- Perinatal lessons from the past**
 75 Avicenna (AD 980–1037) and Arabic perinatal medicine *Peter M Dunn*
- Letters to the editor**
 77
- Book review**
 79
- Notices**
 80

No 2 SEPTEMBER 1997

- Annotation**
 81 Inhaled nitric oxide in neonates *N Finer*
- Original articles**
 85 Extremely premature (≤ 800 g) schoolchildren: multiple areas of hidden disability
M F Whitfield, R V E Grunau, L Holsti
 91 Improved outcome into the 1990s for infants weighing 500–999 g at birth *The Victorian Infant Collaborative Study Group*
 95 Influence of obstetric management on outcome of extremely preterm growth retarded infants
A H P Schaap, H Wolf, H W Bruinse, et al
 100 Developmental pattern of fetal growth hormone, insulin-like growth factor I, growth hormone binding protein and insulin-like growth factor binding protein-3 *P Pirazzoli, E Cacciari, R De Iasio, et al*
 105 Neonatal seizures associated with cerebral lesions shown by magnetic resonance imaging *H Leth, P B Toft, M Herning, et al*
 111 Basal ganglia damage and impaired visual function in the newborn infant *E Mercuri, J Atkinson, O Braddick, et al*
 115 Randomised controlled trial: comparison of colloid or crystalloid for partial exchange transfusion for treatment of neonatal polycythaemia *W Wong, T F Fok, C H Lee, et al*
 119 Cisapride reduces neonatal postoperative ileus: randomised placebo controlled trial *A Lander, R Redkar, G Nicholls, et al*
 123 Assessment of total body water using bioelectrical impedance analysis in neonates receiving intensive care *W Tang, D Ridout, N Modi*
 127 Effect of antenatal administration of thyrotrophin releasing hormone on fetal flow velocity waveforms
R Bajoria, K D Stagiannis, D M Fisk

- 131 Ultrasonographic study of ductus venosus in healthy neonates *D Fugelseth, R Lindemann, K Liestøl, et al*
- 135 Hepatitis B vaccination in preterm infants *F-Y Huang, P-I Lee, C-Y Lee, et al*
- 139 Feasibility of using finger arterial pressure in neonates *E Drouin, V Gournay, J Calamel, et al*
- 141 Is venepuncture in neonatal research ethical? *V S Shah, M Al-Khannan, M W Quinn, et al*
- 143 Neonatal pain response to heel stick *vs* venepuncture for routine blood sampling
V S Shah, A Taddio, S Bennett, et al
- 145 Neonatal presentation of Caroli's disease *F Keane, N Hadžić, M L Wilkinson, et al*
- Current topics**
- 147 Effects of antenatal and postnatal corticosteroids on the preterm lung *J Vyas, S Kotecha*
- 151 New developments in neonatal screening *K Bartlett, S J Eaton, M Pourfarzam*
- Perinatal lessons from the past**
- 155 Paulus Aegineta (625–690 AD) and Byzantine medicine *P M Dunn*
- 157 **Letter to the editor**
- 159 **Correction**

No 3 NOVEMBER 1997

- Aging**
- 161 Editorial: Aging and paediatric practice *M L Chiswick, H Marcovitch*
- 162 Is lifespan determined in utero? *A Aihie Sayer, C Cooper, D J P Barker*
- 165 Apoptosis in neural development and disease *N D Mazarakis, A D Edwards, H Mehmet*
- 171 Aging of the placenta *H Fox*
- Annotation**
- 176 The Cochrane Collaboration: progress in perinatal medicine *J P Neilson, M I Levene*
- Original articles**
- 178 Randomised controlled trial of a synthetic triglyceride milk formula for preterm infants *A Lucas, P Quinlan, S Abrams, S Ryan, S Meah, P J Lucas*
- 185 Open randomised controlled trial of inhaled nitric oxide and early dexamethasone in high risk preterm infants *N V Subhedar, S W Ryan, N J Shaw*
- 191 Changes in oxygenation and pulmonary haemodynamics in preterm infants treated with inhaled nitric oxide *N V Subhedar, N J Shaw*
- 198 Early increase of TNF α and IL-6 in tracheobronchial aspirate fluid indicator of subsequent chronic lung disease in preterm infants *B Jönsson, K Tullus, A Brauner, Y Lu, G Noack*
- 202 Randomised trial of volume controlled *v* time cycled, pressure limited ventilation in preterm infants with respiratory distress syndrome *S K Sinha, S M Donn, J Gavey, M McCarty*
- 206 Are outcome data regarding the survivors of neonatal care available from routine sources? *C Dawson, M Perkins, E Draper, A Johnson, D Field*
- 211 Illness severity measured by CRIB score: a product of changes in perinatal care? *J H Baumer, D Wright, T Mill*
- 216 Gestational assessment assessed *U Wariyar, W Tin, E Hey*
- 221 Diagnosis of late onset neonatal sepsis with cytokines, adhesion molecule, and C-reactive protein in preterm very low birthweight infants *P C Ng, S H Cheng, K M Chui, T F Fok, M Y Wong, W Wong, R P O Wong, K L Cheung*
- 228 Audit of neonatal screening programme for phenylketonuria and congenital hypothyroidism
N Simpson, R Randall, S Lenton, S Walker
- 235 Dichorionic twins discordant for intrauterine growth retardation *N J Sebire, C D'Ercole, K Hughes, J Rennie, K H Nicolaidis*
- 237 Plasma prolactin concentrations after caesarean section or vaginal delivery *L Heasman, J A D Spencer, M E Symonds*
- 239 Iodine and hypothyroidism in neonates with congenital heart disease *N Linder, B Sela, B German, N Davidovitch, J Kuint, J Hegesh, D Lubin, J Sack*
- 241 Effects of cisapride on QTc interval in neonates *S Bernardini, D S Semama, F Huet, C Sgro, J B Gouyon*
- Current topic**
- 244 Fetal growth restriction and hepatocyte growth factor *D A Somerset, S C Afford, A J Strain, M D Kilby*
- Perinatal lessons from the past**
- 249 Leonardo Da Vinci (1452–1519) and reproductive anatomy *P M Dunn*

n
e

m